Title (en)

ELECTRONICALLY CONTROLLED FIXATION LIGHT FOR OPHTHALMIC IMAGING SYSTEMS

Title (de)

ELEKTRONISCH GESTEUERTES BEFESTIGUNGSLICHT FÜR OPHTHALMISCHE ABBILDUNGSSYSTEME

Title (fr)

POINT LUMINEUX COMMANDÉ DE MANIÈRE ÉLECTRONIQUE DESTINÉ À DES SYSTÈMES D'IMAGERIE OPHTALMIQUES

Publication

EP 2618721 A2 20130731 (EN)

Application

EP 11825823 A 20110913

Priority

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Abstract (en)

[origin: US2012069302A1] An electronically controlled fixation light system is described for ophthalmic systems. The ophthalmic system can include an ophthalmic imaging device that generates an image of a portion of an imaged eye, a fixation light controller that includes an input module, configured to receive an input in relation to the image generated by the ophthalmic imaging device, and a control signal generator that generates an electronic fixation light control signal in response to the received input, and a fixation light source, configured to receive the fixation light control signal, and to generate a fixation light according to the received fixation light control signal. A surgeon can image a portion of an eye with the imaging device, determine a misalignment of the imaged eye relative to the imaging device based on the image, and control the fixation light with an electronic control signal to reduce the determined misalignment.

IPC 8 full level

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CPC (source: EP KR US)

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